

FIG. 1

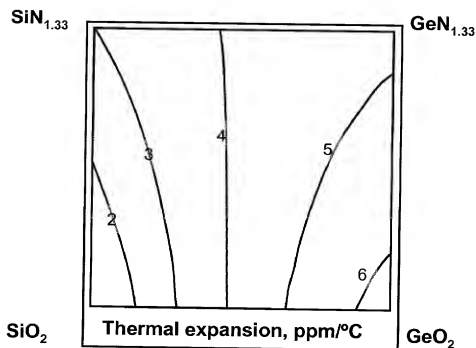


FIG. 2

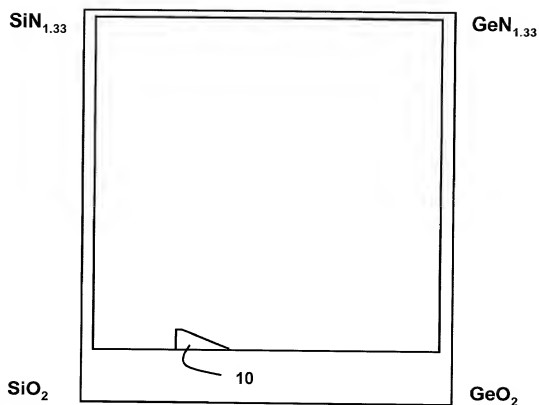


FIG. 3

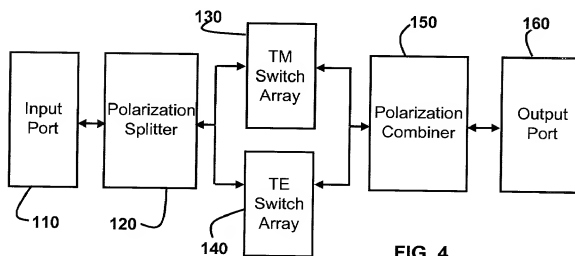


FIG. 4

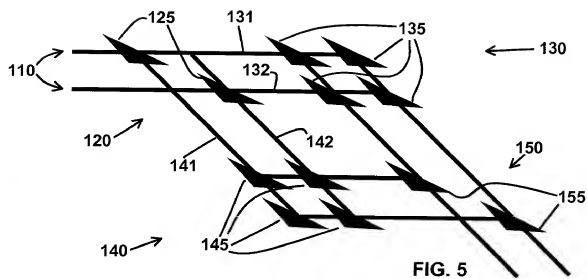


FIG. 5

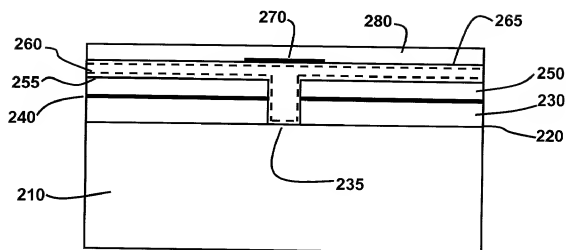


FIG. 6

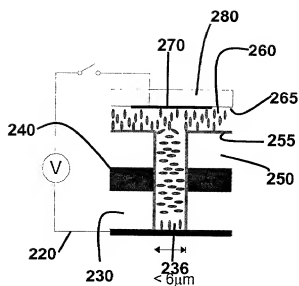


FIG. 7A

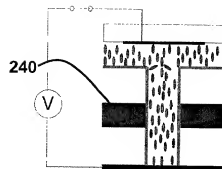


FIG. 7B

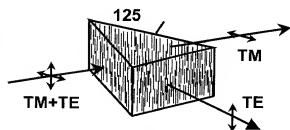


FIG. 8

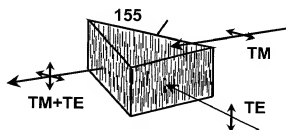


FIG. 9

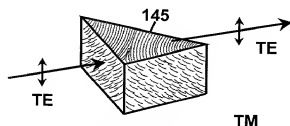


FIG. 10A

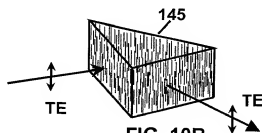


FIG. 10B

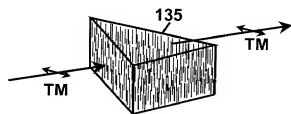


FIG. 11A

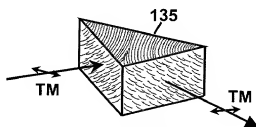


FIG. 11B

10.220.6507160

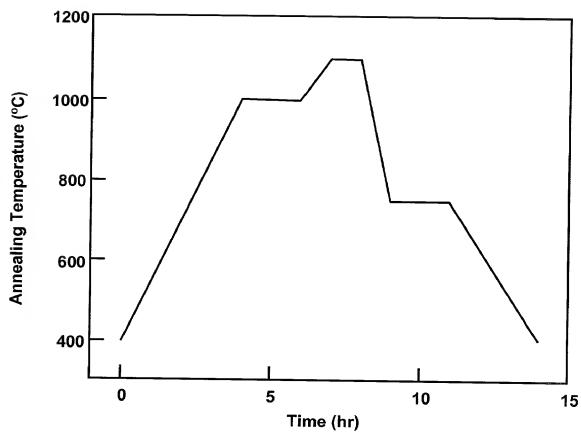


FIG. 12

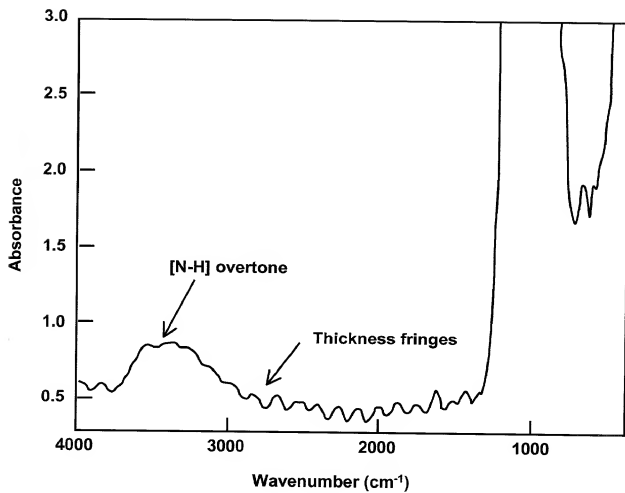


FIG. 13

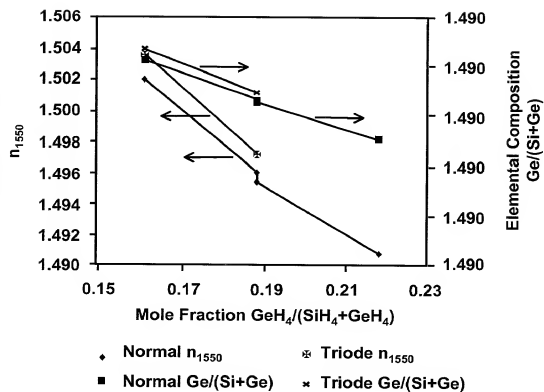


FIG. 14

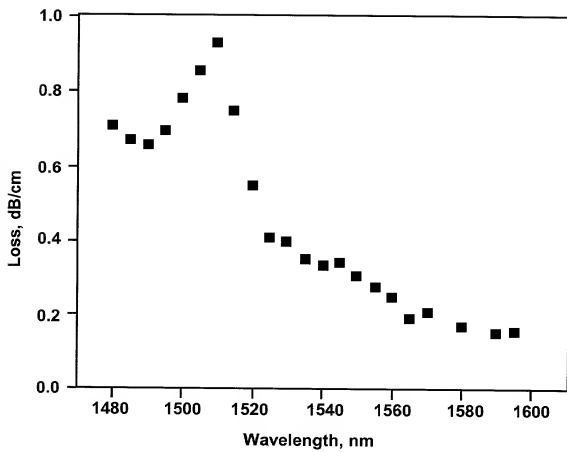


FIG. 15

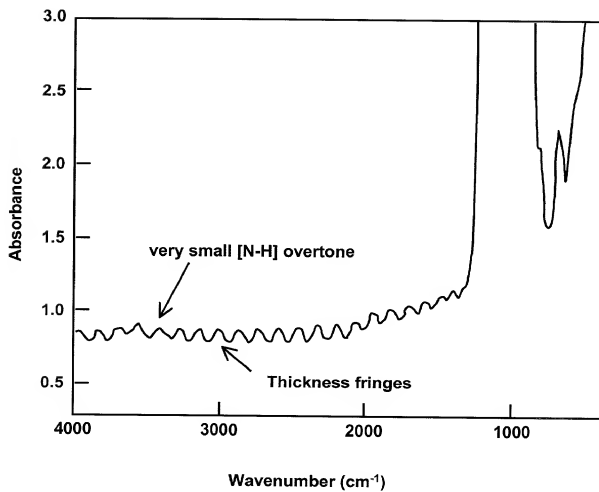


FIG. 16

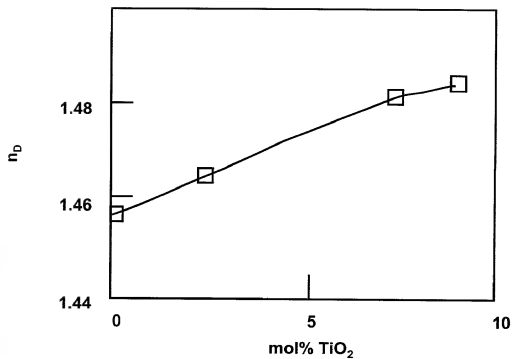


FIG. 17

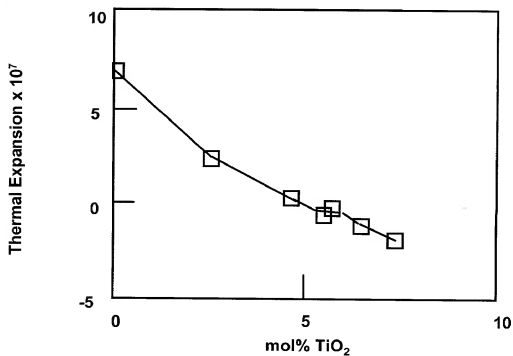


FIG. 18

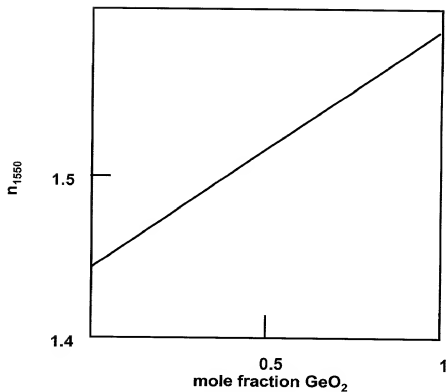


FIG. 19

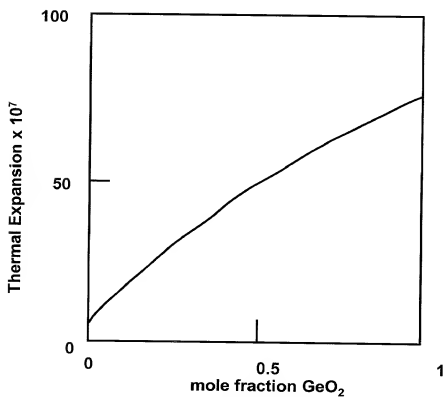
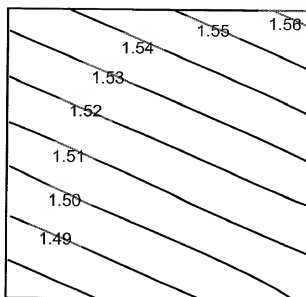


FIG. 20

20 mol% TiO_2 40 mol% GeO_2 , 20 mol% TiO_2



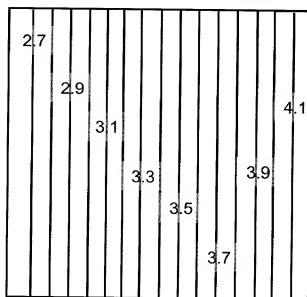
SiO_2

n_{1550}

40 mol% GeO_2

FIG. 21

20 mol% TiO_2 40 mol% GeO_2 , 20 mol% TiO_2



SiO_2

Thermal expansion, ppm/°C

40 mol% GeO_2

FIG. 22

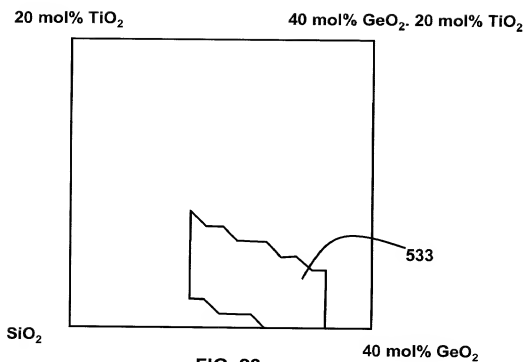


FIG. 23